

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
DP-309619

In Re Application: William J. LaBarge et al.

Serial No.
NYA

Filing Date
December 29, 2003

Examiner
NYA

Group Art Unit
NYA

**EXHAUST TREATMENT DEVICES, CATALYST, AND METHODS OF MAKING AND USING
THE SAME**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 06-1130
as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit
account is being facsimile transmitted to the United States
Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

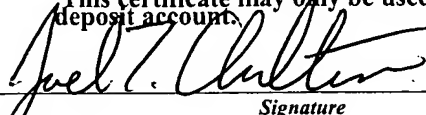
Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited
on _____ with the U.S. Postal Service
as first class mail under 37 C.F.R. 1.8 and is
addressed to the Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by
deposit account.


Signature

Dated: December 29, 2003

Joel T. Charlton

Reg. No. 52,721

Cantor Colburn LLP

55 Griffin Road South

Bloomfield, CT 06002

Telephone (860) 286-2929

Fascimile (860) 286-0115

CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
DP-309619

In Re Application Of: **William J. LaBarge et al.**

Serial No.
NYA

Filing Date
December 29, 2003

Examiner
NYA

Group Art Unit
NYA

Title: **EXHAUST TREATMENT DEVICES, CATALYST, AND METHODS OF MAKING AND USING THE SAME**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

DP-309619

SERIAL NO.

NYA

LaBarge et al.

FILING

December 29, 2003

GROUP

NYA

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 6,171,572 B1	1/9/01	Aozasa	423	593	7/9/98
	US 6,180,075 B1	1/30/01	Lindner et al.	423	213.2	4/8/98
	US 6,248,688 B1	6/19/01	Wu et al.	502	302	1/28/99
	US 6,261,989 B1	7/17/01	Tanaka et al.	502	217	5/19/99
	US 6,348,430 B1	2/19/02	Lindner et al.	502	304	6/19/98

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Imamura, S. et al, "Effect of cerium on the mobility of oxygen on manganese oxides", Applied Catalysis A: General 142 (1996) 279-288.
	Kim, Dae-Joon and Tseng-Ying Tien, "Phase Stability and Physical Properties of Cubic and Tetragonal ZrO2 in the System ZrO2-Y2O3-Ta2O5", J. Am. Ceram. Soc., 74 [12] 3061-65 (1991).
	Lamonier, C. et al., "Studies of the cerium-metal-oxygen-hydrogen system (metal=Cu, Ni)", Catalysis Today 50 (1999) 247-259.
	Naik I.K. and T.Y.Tien, "Electrical Conduction in Nb2O5-Doped Cerium Dioxide", J. Electrochem. Soc.: Electrochemical Science and Technology, April 1979, 562-566.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

DP-309619

Application Number

NYA

Applicant(s)

William J. LaBarge et al.

Filing Date

December 29, 2003

Group Art Unit

NYA

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,581,343	4/8/86	Blanchard et al.	502	241	5/15/84
		5,075,276	12/24/91	Ozawa et al.	502	304	4/24/89
		5,248,650	9/28/93	Sekiba et al.	502	303	12/22/92
		5,571,492	11/5/96	Yao et al.	423	263	10/2/95
		5,580,536	12/3/96	Yao et al.	423	263	10/2/95
		5,762,894	6/9/98	Takatori et al.	423	263	7/3/95
		5,837,642	11/17/98	Tanaka et al.	502	304	10/21/96
		5,888,464	3/30/99	Wu et al.	423	213.5	4/8/97
		5,898,014	4/27/99	Wu et al.	502	302	9/27/96
		6,037,305	3/14/00	Cuif et al.	502	304	3/3/97
		6,139,814	10/31/00	Shigapov et al.	423	592	11/10/97

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		0 525 677 A1	03.02.93	EPO	B01D	53/36		
		0 525 677 B1	03.02.93	EPO	B01D	53/56		
		WO 96/21506	18.07.96	International	B01J	23/83		
		JP 62071536 A	1987.04.02	Japan	B01J	23/56		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		-Berbenni V. and A. Marini, "Synthesis of SRxBA(1-x)TiO ₃ , Solid Solutions from the Mechanically Activated System BaCO ₃ -SrCO ₃ -TiO ₂ ", CSGI- Dipartimento di Chimica Fisica dell'Universita di Pavia, Viale Taramelli 16, 27100 Pavia, Italy, Z. Naturforsch. 57 b, 859-864 (2002).
		-Fernandez-Garcia, M. et al., "New Strategies for the Improvement of Automobile Catalysts", International Journal of Molecular Sciences, 2001, 2, 251-262.
		Hachisuka, Ichiro et al., "Improvement of NO _x Storage-Reduction Catalyst", SAE Technical Paper Series, SAE World Congress, Detroit, Michigan, March 4-7, 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

DP-309619

Application Number

NYA

Applicant(s)

William J. LaBarge et al.

Filing Date

December 29, 2003

Group Art Unit

NYA

EXAMINER

INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Tang, S. et al., "Partial oxidation of methane to syngas over Ni/MgO, Ni/CaO and Ni/CeO₂", Catalysis Letters 51 (1998) 169-175.

Terribile, Daniela et al., "Catalytic combustion of hydrocarbons with Mn and Cu-doped ceria-zirconia solid solutions", Catalysis Today 47 (1999) 133-140.

Teske, K. et al., "Thermal Analysis of Transition Metal and Rare Earth Oxide System-Gas Interactions by a Solid Electrolyte-based Coulometric Technique", Journal of Thermal Analysis, Vol. 49 (1997) 1211-1220.

Zhang, Yu et al., "Nanophase catalytic oxides: I. Synthesis of doped cerium oxides as oxygen storage promoters", Applied Catalysis B: Environmental 6 (1995) 325-337.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.